



## Division of Community and Public Health

[USGS map of Missouri Human Cases \(updated weekly\)](#)

### Missouri Department of Health and Senior Services 2017 Reports of Mosquito-borne Disease in Humans Week 41 Ending October 14, 2017

Total verified domestic human mosquito-borne disease cases: 13  
Total verified domestic mosquito-borne disease-related fatalities\*: 0

**PLEASE NOTE: This official case count reported by Missouri Department of Health and Senior Services may include cases still under investigation or in various stages of testing, including supplemental or confirmatory laboratory testing. These results are preliminary and subject to change.**

**Table 1: West Nile virus and other domestic arboviruses**

Arbovirus	Case Status	Laboratory Confirmed	County Name	Imported From	Onset Date	Fatality *	Hospitalized
West Nile	Probable	No	St. Louis County	Not Imported	06/19/2017	No	Yes
West Nile	Probable	No	St. Charles County	Not Imported	06/23/2017	No	No
West Nile	Probable	No	St. Louis County	Not Imported	07/31/2017	No	Yes
West Nile	Probable	No	Laclede County	Unknown	7/23/2017	No	Yes
West Nile	Probable	No	St. Louis City	Not Imported	7/28/2017	No	No
West Nile	Probable	No	Jackson County	Not Imported	8/2/2017	No	Yes
West Nile	Probable	No	St. Louis City	Not Imported	8/9/2017	No	No
West Nile	Probable	No	Jefferson County	Not Imported	8/17/2017	No	Yes
West Nile	Probable	No	St. Louis City	Not Imported	8/11/2017	No	Yes

West Nile	Probable	No	St. Louis City	Not Imported	8/12/2017	No	Yes
West Nile	Probable	No	St. Louis City	Not Imported	8/22/2017	No	Yes
West Nile	Probable	No	St. Louis County	Not Imported	9/3/2017	No	Yes
West Nile	Probable	No	St. Louis County	Not Imported	9/4/2017	No	Yes

**Summary of Domestic Human Mosquito-borne Disease  
Cases Reported by Local Health Agency**

Local Health Agency	Number of Reported Cases
Jackson County	1
Jefferson County	1
Laclede County	1
St. Charles County	1
St. Louis City	5
St. Louis County	4

**Table 2: Imported Chikungunya virus infections**

Arbovirus	Case Status	Laboratory Confirmed	Imported From	Onset Date	Fatality *	Hospitalized
N/A	N/A	N/A	N/A	N/A	N/A	N/A

**Table 3: Imported dengue infections**

Arbovirus	Case Status	Laboratory Confirmed	Imported From	Onset Date	Fatality	Hospitalized
Dengue	Probable	Yes	Out of Country	8/14/2017	No	No

**Table 4: Imported zika infections**

Arbovirus	Case Status	Laboratory Confirmed	Imported From	Onset Date	Fatality	Hospitalized
Zika	Confirmed	Yes	Out of Country	4/2/2017	No	No

**WNV** = West Nile virus  
**SLE** = St. Louis encephalitis virus  
**DEN** = dengue virus  
**EEE** = Eastern Equine encephalitis virus  
**CHIK** = chikungunya virus

**ZIKA** = zika virus  
**N/A** = Information not available

\*The immediate causes of death in patients with West Nile and other related viral encephalitis commonly include pneumonia, heart attack, pulmonary embolism, septicemia, etc., rather than direct neurological damage or dysfunction, per se. For some individuals with serious pre-existing health problems, West Nile virus infection is a contributory cause of death.

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